

20030128.ba v03_n440.bam.20030128

>From ???@??? Tue Jan 28 08:35:51 2003 -0600
Message-Id: <200301281435.h0SEZlo0018211@sco.theporch.com>
Date: Tue, 28 Jan 2003 08:35:33 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3440

BOATANCHORS Digest 3440

Topics covered in this issue include:

- 1) For Sale
by "Merz Donald S" <merz.ds@mellon.com>
- 2) Information Needed
by "Merz Donald S" <merz.ds@mellon.com>
- 3) BC348 Receiver - Dynamotor Repair Tip
by Jerry Proc <jerry7proc@yahoo.com>
- 4) Re: BC348 Receiver - Dynamotor Repair Tip
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 5) OT--any films out there?
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 6) [Fwd: B-17 Base Station]
by Al Klase <skywaves@bw.webex.net>
- 7) Re: [Fwd: B-17 Base Station]
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 8) Enigma coding machine
by Hans Jense <gjense@wanadoo.nl>
- 9) Re: Enigma coding machine
by "Sandy W5TVW" <ebjr@i-55.com>
- 10) Millen Grid Dip Meter
by Jim Hill <w6ivw@cox.net>
- 11) Re: BC348 Receiver - Dynamotor Repair Tip
by W7QH0@aol.com
- 12) SBE34 vs ICOM706
by john <johnmb@nc.rr.com>
- 13) Re: Millen Grid Dip Meter
by "Roger Dillon" <rdillontx@attbi.com>
- 14) Re: SBE34 vs ICOM706
by Mike Sullivan <vze344qr@verizon.net>
- 15) Mail Change Test
by "Thomas Frobase" <tfrobase@houston.rr.com>
- 16) Re: SBE34 vs ICOM706
by john <johnmb@nc.rr.com>
- 17) sticky (dynamotor) brushes
by third Eric <ejones@hiwaay.net>
- 18) ? Receiver blocking in vintage radios

- by "Hue Miller" <kargo_cult@msn.com>
- 19) Re: sticky (dynamotor) brushes
by "Hue Miller" <kargo_cult@msn.com>
- 20) HP-23 PS With KWM-2A
by "Gary Harmon" <gharmon@idworld.net>
- 21) Re: Millen Grid Dip Meter
by "Al Parker" <anchor@ec.rr.com>
- 22) Re: ? Receiver blocking in vintage radios
by Bob Roehrig <broehrig@aurora.edu>
- 23) Re: ? Receiver blocking in vintage radios
by "Arden Allen" <gumbear@pacbell.net>

Message-ID: <20030127183054.9872.qmail@mellon.com>
content-class: urn:content-classes:message
Subject: For Sale
Date: Mon, 27 Jan 2003 13:30:13 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
From: "Merz Donald S" <merz.ds@mellon.com>
To: Old Tube Radios <boatanchors@theporch.com>

For Sale

Military RT-70/AM-65 FM transceiver/amplifier pair from the Korean War era. In good cosmetic condition and clean inside. With 2 connectors.=20 Complete. Original. Untested. As-is. \$89

RF Communications RF-301 HF transceiver parts unit. No top and bottom=20 covers. Missing one circuit board and tubes. Otherwise all there and=20 a good parts candidate. As-is. Not working. \$39

Stanley, J. A., "Electronics For The Beginner," 2nd ed., 1971, Sams

. =
Very=20

nice hardback. A project-oriented text with broadcast radio projects built using transistors. \$10 PPD

Terman, Frederick, "Radio Engineer's Handbook." Classic radio circuit designer's reference. Hardback in good condition with cover wear. \$14 = PPD

Jordan & Nelson , "Fundamentals of Radio," Prentice-Hall, 1942. Wartime=20 training text. Very well-organized theory with practical examples. = Hardback with major cover wear. \$11 PPD

Ghirardi, Alfred A., "Radio Troubleshooting Handbook," 3rd ed., 1943. =
This is basically a serviceman's reference with many sets listed by name =
and a full set
of typical diagnostic information. Large-format hardback in very good
condition. \$14 PPD

Rouleau and Hodgson, Packet Radio, Tab Books. Excellent hardback. \$8 PPD

Thanks for looking.
73, Don Merz, N3RHT

Message-ID: <20030127184700.9924.qmail@mellon.com>
content-class: urn:content-classes:message
Subject: Information Needed
Date: Mon, 27 Jan 2003 13:46:52 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
From: "Merz Donald S" <merz.ds@mellon.com>
To: Old Tube Radios <boatanchors@theporch.com>

I need information, user manuals or whatever on the following items:

Military ZM-11/U Bridge
Military ZM-30/U Bridge
Hal CRI-100 Computer/RTTY Interface
Bird Termaline Watt Meter Model 6736-030

Any help appreciated.
Thanks.
73, Don Merz, N3RHT

Message-ID: <20030127203452.54315.qmail@web21501.mail.yahoo.com>
Date: Mon, 27 Jan 2003 12:34:52 -0800 (PST)
From: Jerry Proc <jerry7proc@yahoo.com>
Subject: BC348 Receiver - Dynamotor Repair Tip
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative; boundary="0-953836144-1043699692=:52687"

--0-953836144-1043699692=:52687
Content-Type: text/plain; charset=us-ascii

Hello Group,

Yesterday I cured a neat fault in the dynamotor of my BC348 receiver. The symptom was simple - the receiver was working fine, then the dynamotor refused to spin the next time the set was powered up.

Afer disassembling the dynamotor, cleaing the commutator and repacking the bearings with new grease, I was able to get the armature to spin but it sounded feeble and there was an abnormal amount of sparking coming from the +28V side brush. Changing the dynamotor orentiation from horizontal to vertical caused the armature speed to increase slightly.

After some troubleshooting I cleared the problem. Here is what happened: The +28V brush froze in the holder but I don't know when it happened. As the armature rotated, it wore the brush away and somewhat unevenly at that. The spring behind the brush could not push it against the armature. A tiny gap developed on one side of the brush which produced the arcing. Using extremely fine grit sandpaper, I buffed up the brush so it slid easily within the holder thus allowing the spring to do its job. The other brush (-28V) was free in its holder.

Thought this tip might be useful tip to anyone who has military boatanchors that employ a dynamotor.

--

Regards,
Jerry Proc
E-mail: jerry7proc@yahoo.com

Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now
--0-953836144-1043699692=:52687
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

--0-953836144-1043699692=:52687--

Message-Id: <5.1.0.14.0.20030127144227.04c945d8@vuse.vanderbilt.edu>

Date: Mon, 27 Jan 2003 14:45:41 -0600

To: Old Tube Radios <boatanchors@theporch.com>

From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>

Subject: Re: BC348 Receiver - Dynamotor Repair Tip

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:34 PM 1/27/2003 -0800, you wrote:

>Hello Group,

>

>Yesterday I cured a neat fault in the dynamotor of my BC348 receiver.

>The symptom was simple - the receiver was working fine, then the dynamotor

>refused to spin the next time the set was powered up.

>

>After some troubleshooting I cleared the problem. Here is what happened:

>The +28V brush froze in the holder but I don't know when it happened. As

>the armature rotated, it wore the brush away and somewhat unevenly at

>that. The spring behind the brush could not push it against the armature.

>A tiny gap developed on one side of the brush which produced the arcing.

>Using extremely fine grit sandpaper, I buffed up the brush so it slid

>easily within the holder thus allowing the spring to do its job. The other

>brush (-28V) was free in its holder.

I have found similar problems with universal (brush) motors. This is often caused by the casting of the brush-holders in potmetal. As the potmetal crystallizes due to age, it swells, hence sticky brush. Cleaning up the brush-holder with a file is often only a temporary solution. In one dire case (for an Ampico reproducing piano) I had new brushholders made out of brass.

A. B. Bonds

Message-Id: <5.1.0.14.0.20030127144548.04c945d8@vuse.vanderbilt.edu>

Date: Mon, 27 Jan 2003 14:59:58 -0600

To: Old Tube Radios <boatanchors@theporch.com>

From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>

Subject: OT--any films out there?

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

I am in the midst of a project involving the transfer of WW2 War Department films to digital media. I have a goodly number due to the foresight of my Dad, who worked in the Pentagon in 1945 and recovered many from the

dumpster at the end of the war. It is getting to be a necessary step, since the film stock of many of these is crumbling for several reasons.

This is a general solicitation to see if anyone out there in ba-land has any War Department films stashed away. If the film is suitable (16mm, sound) I will transfer it to an MEG2 file and return it to you, with (I hope, coming soon) a DVD of the film. If you have concerns regarding my bona-fides I hope to assuage those off-line.

Please reply off-line.

A. B. Bonds

Message-ID: <3E359F8F.1010006@bw.webex.net>
Date: Mon, 27 Jan 2003 16:07:27 -0500
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: budk5jgu@hal-pc.org
Subject: [Fwd: B-17 Base Station]
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Can anyone help this gentleman?

Bud Bearce wrote:

> Al,
>
> I am looking for pix (copies) and documentation of a typical B-17
> "Radio Shack"--either England or the Pacific theater of ops. Our
> CAF Wing is putting together a museum focused around our B-17G
> "Texas Raiders" and a working, authentic, base radio station would
> be a great museum addition. Any info to help out on this project
> would be most appreciated.
>
> Thanks,
>
> Bud Bearce, K5JGU
> budk5jgu@hal-pc.org
>
> 1614 Oxford
> Houston, Texas 77008
>
>
>

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Date: Mon, 27 Jan 2003 16:18:48 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200301272118.QAA06578@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Subject: Re: [Fwd: B-17 Base Station]

That's a good one

If we're talking late '44 and on, an established base would have probably talked on vhf using combinations of BC639 receivers, BC640 transmitters, and a BC638 frequency meter. These were enclosed in 6' high rack panels and called, collectively, SCS-1, 2, etc.

The late set used on the B17 was called the SCR-522.

Earlier in the war, 2-way to the B-17s was via HF only. Base stations probably were SCR-299s which used BC-610 transmitters and BC-342 receivers. The B-17 used the SCR-187(?) comprised of a BC-375 transmitter and a BC-348 receiver.

I'm sure this's an item that will arouse some controversy.

Stay tuned

Marty

*I now have a good BC639 & power supply. I have the book to a BC-638 frequency meter

Some years back I donated an entire SCS-2 to the Warner Robbins air museum. It's in a Jamesway next to their quick-erect ww2 control tower

Dang if the book and that '639 didn't leak back into the household

Message-ID: <3E35A08A.BAF7CD33@wanadoo.nl>
Date: Mon, 27 Jan 2003 22:11:38 +0100
From: Hans Jense <gjense@wanadoo.nl>

MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Enigma coding machine
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For those of you "Enigmatically inclined", check out the following URL:
<http://www.xs4all.nl/~samzen/enigma/index.htm>
This "neo-post-modern" version of the Enigma machine was recently built
by a good friend of mine. Look and be amazed!

-- Hans Jense, PE9HLA

Message-ID: <005801c2c65d\$d7901f40\$d49ecdd1@ebjr>
From: "Sandy W5TVW" <ebjr@i-55.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Enigma coding machine
Date: Mon, 27 Jan 2003 17:43:05 -0600
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

An absolutely gorgeous piece of work! How long did it take him to build it?
73,
Sandy W5TVW

----- Original Message -----
From: "Hans Jense" <gjense@wanadoo.nl>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Monday, January 27, 2003 3:11 PM
Subject: Enigma coding machine

| For those of you "Enigmatically inclined", check out the following URL:
| <http://www.xs4all.nl/~samzen/enigma/index.htm>
| This "neo-post-modern" version of the Enigma machine was recently built
| by a good friend of mine. Look and be amazed!

| -- Hans Jense, PE9HLA
|
|

Message-Id: <5.1.0.14.0.20030127155725.03d77ec0@pop.west.cox.net>
Date: Mon, 27 Jan 2003 16:01:37 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: Jim Hill <w6ivw@cox.net>

Subject: Millen Grid Dip Meter

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

I'm looking for the manual for the Millen grid dip meter (90501??, can't leave the computer with my grandson around or it will be in a strange configuration when I return). If not the manual, a schematic would be a big help. No problem paying for a manual or repro costs, plus postage.
73's Jim, w6iww

From: W7QHO@aol.com

Message-ID: <193.14b878e6.2b672d23@aol.com>

Date: Mon, 27 Jan 2003 19:47:31 EST

Subject: Re: BC348 Receiver - Dynamotor Repair Tip

To: Old Tube Radios <boatanchors@theporch.com>

MIME-Version: 1.0

Content-Type: multipart/alternative;

boundary="part1_193.14b878e6.2b672d23_boundary"

--part1_193.14b878e6.2b672d23_boundary

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Over the years I've run into a number of sticking dynamotor (and motor) brushes. Always good idea to check if the unit has ben setting around for any length of time.

Dennis D. W7QHO

Glendale, CA

--part1_193.14b878e6.2b672d23_boundary

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
* (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1_193.14b878e6.2b672d23_boundary--

Message-Id: <3.0.3.32.20030127204046.024b1a84@pop-server.nc.rr.com>
Date: Mon, 27 Jan 2003 20:40:46 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: SBE34 vs ICOM706
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just leafing through a mid 60s SBE mag, and see that it sucks down just 500mA of 12V when in receive mode.... which is exactly half what the nifty little ICOM consumes. Of course the '706 has a mini fishfinder to run and all sorts of other doo dads , but it's still interesting to note that the SBE sips just half the current. As I remember, it's all SS except for the driver and PA tubes, natch...

John K5MO

Message-ID: <007701c2c66e\$467a7d50\$ccfeed0c@c924808d>
From: "Roger Dillon" <rdillontx@attbi.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Millen Grid Dip Meter
Date: Mon, 27 Jan 2003 19:40:39 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try this page.
Maybe one of these matches your model.
<http://www.qsl.net/jms/>
73
Roger
N5PGH

> I'm looking for the manual for the Millen grid dip meter (90501??, can't
> leave the computer with my grandson around or it will be in a strange
> configuration when I return). If not the manual, a schematic would be a
> big help. No problem paying for a manual or repro costs, plus postage.
> 73's Jim, w6ivw
>
>

Message-ID: <3E35DF78.5FABAD2E@verizon.net>

Date: Mon, 27 Jan 2003 20:40:07 -0500
From: Mike Sullivan <vze344qr@verizon.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: SBE34 vs ICOM706
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yeah, the SBE 33 and 34 don't take much current (in receive), but overloaded very easily and other interesting features such as no 10 meters and limited frequency coverage. Neat, but a diversion.

Mike
kc2kj

john wrote:

>
> Just leafing through a mid 60s SBE mag, and see that it sucks down
> just 500mA of 12V when in receive mode.... which is exactly half
> what the nifty little ICOM consumes. Of course the '706 has a mini fishfinder
> to run and all sorts of other doo dads , but it's still interesting to note
> that the SBE sips just half the current. As I remember, it's all SS except
> for the driver and PA tubes, natch...
>
> John K5MO

From: "Thomas Frobase" <tfrobase@houston.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Mail Change Test
Date: Mon, 27 Jan 2003 19:42:50 -0600
Message-ID: <000e01c2c66e\$918c2be0\$0c01010a@kitparts.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Keep it up guy's lots of good reading here ... Tom N3LLL

-----Original Message-----

From: owner-boatanchors@theporch.com
[mailto:owner-boatanchors@theporch.com] On Behalf Of Roger Dillon
Sent: Monday, January 27, 2003 7:41 PM
To: Old Tube Radios
Subject: Re: Millen Grid Dip Meter

Try this page.

Maybe one of these matches your model.
<http://www.qsl.net/jms/>
73
Roger
N5PGH

> I'm looking for the manual for the Millen grid dip meter (90501??,
> can't
> leave the computer with my grandson around or it will be in a strange
> configuration when I return). If not the manual, a schematic would be
a
> big help. No problem paying for a manual or repro costs, plus
postage.
> 73's Jim, w6ivw
>
>

Message-Id: <3.0.3.32.20030127212337.025128ac@pop-server.nc.rr.com>
Date: Mon, 27 Jan 2003 21:23:37 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: Re: SBE34 vs ICOM706
Cc: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

On the plus side, the SBE had both supplies built in and a
Collins mechanical filter!
:-)
John (I love the 706 in my Jeep!)

PS: I've got what I believe is a proto SBE-34/....theres some pix of it on
the air somewhere....

At 08:40 PM 1/27/03 -0500, Mike Sullivan wrote:

>
>Yeah, the SBE 33 and 34 don't take much current (in receive), but
>overloaded very easily and other interesting features such as no 10
>meters and limited frequency coverage. Neat, but a diversion.
>Mike
>kc2kj
>
>john wrote:
>>

>> Just leafing through a mid 60s SBE mag, and see that it sucks down
>> just 500mA of 12V when in receive mode.... which is exactly half
>> what the nifty little ICOM consumes. Of course the '706 has a mini
fishfinder
>> to run and all sorts of other doo dads , but it's still interesting to note
>> that the SBE sips just half the current. As I remember, it's all SS except
>> for the driver and PA tubes, natch...
>>
>> John K5MO
>
>
>---
>
>Checked by AVG anti-virus system (<http://www.grisoft.com>).
>Version: 6.0.443 / Virus Database: 248 - Release Date: 1/10/03
>

Date: Mon, 27 Jan 2003 23:27:01 -0600 (CST)
Message-Id: <v03007801ba5b68671eff@[216.180.65.143]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: third Eric <ejones@hiwaay.net>
Subject: sticky (dynamotor) brushes

de N4TGC Eric

I've been re-building small motors for years - those such as in sewing machines, and a lot of small power hand-tools, both AC/DC and DC-battery. A few observations:

New brushes are quite "slick", as they contain graphite. As they age, particularly if they're run hard, such as in a circular saw, the volatiles cook out, and the brush becomes "grainy", and doesn't make good contact with the holder (I've never seen one made out of anything but brass; maybe I'm lucky ...) At this point, the brush will start arcing and overheating, and will scorch or burn the holder, to the point it will stick in place. If caught soon enough, it can be pushed out, the holder cleaned inside, and a NEW brush put in.

Quite often, the spring overheats as well, and loses tension, causing an avalance effect. I've encountered some so badly stuck, I had to drill them out - usually not worth the effort, as the brush holder insulator casting may be partly melted by then ...

Running a power hand tool after the brush gets grainy will erode the commutator as well. I've had to turn it, and re-undercut the insulators - look at the size of the commutator on a hand drill, and you won't have to imagine how tedious this is ...

A few observations: note the minimal sparking of a new power tool,

and compare older ones - as soon as you notice increased sparking, find out why: is the commutator dirty from sawdust, drillings, etc? Has the brush begun to lift from loss of spring tension? Is the commutator getting a wear groove? (Esp. important if it's not the same width as the brush, as in a narrow scratch.) Is one bar sparking more than others? (it will have burned edges, indicating a wiring short in the armature - pretty well a fatal flaw.)

I built "buzzer" jigs where I can apply current to the commutator bar pairs one at a time, while hand-rotating the armature in a half-stator. One can quickly find an open or partially shorted winding by comparing the current thru each pair.

A vacuum cleaner probably has a motor under the severest duty, as it runs at high speed, and is typically ignored. A dynamotor runs at a comparable speed, and was probably ignored by the typical user as well ...

e

From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ? Receiver blocking in vintage radios
Date: Tue, 28 Jan 2003 02:22:48 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <0E364HIv6EybfAj81E000010a0@hotmail.com>

Strange question about RF signal overload in vintage tube receivers.

Say you have a 100 watt AM transmitter going on 80 meter band, into a short wire 25 foot reactive, voltage-fed antenna. (Lots of RF in shack.)

You have a broadcast band table radio playing ten feet away. (1 RF, 1 IF). Will its reception be wiped out?

You have the same table radio ten feet away, but playing on some 6 MHz SW broadcast station. Will its reception be wiped out?

Thanks!!

Hue Miller

From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: sticky (dynamotor) brushes
Date: Tue, 28 Jan 2003 03:25:15 -0800

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <0E38C81TbdkSmLAztxc0000115e@hotmail.com>

Eric, or anyone:
Ever heard of a "Bosch magnet remagnetizer", as used to
remagnetize magnets in magneto motors?
Fellow i see about once a year, told me about using one
of these to remagnetize headphones, and that made me
wonder if such a machine can be bought, or ever shows
up anywhere. I think the reason that 95% of these swapmeet
phones seem wimpy on QRP receivers, is just that the magnets
are so far gone!
Hue Miller

From: "Gary Harmon" <gharmon@idworld.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: HP-23 PS With KWM-2A
Date: Tue, 28 Jan 2003 06:35:25 -0600
Message-ID: <002d01c2c6c9\$bb902f30\$61d8fea9@gary87ru6uyd4s>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Does anyone have the instructions on which HP-23 series PS to use with
the
KWM-2A and what modifications are needed to make it usable?

Thanks in advance and 73, gary

=====
Gary H. Harmon, Jr. / K5JWK
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Message-ID: <039201c2c6ca\$c28fe9a0\$3201a8c0@w8ut>
From: "Al Parker" <anchor@ec.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Millen Grid Dip Meter

Date: Tue, 28 Jan 2003 07:42:46 -0500

There's a 90651 if that's what you mean, on BAMA, Ken Grimm's great site,
no charge to download

<http://bama.sbc.edu/millen.htm>

73,

Al, W8UT

New Bern, NC

BoatAnchors appreciated here

<http://www.thecompendium.net/radio/>

<http://www.hammarlund.info>

----- Original Message -----

From: "Jim Hill" <w6ivw@cox.net>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Monday, January 27, 2003 7:01 PM

Subject: Millen Grid Dip Meter

> I'm looking for the manual for the Millen grid dip meter (90501??, can't
> leave the computer with my grandson around or it will be in a strange
> configuration when I return). If not the manual, a schematic would be a
> big help. No problem paying for a manual or repro costs, plus postage.
> 73's Jim, w6ivw
>
>

Date: Tue, 28 Jan 2003 08:12:07 -0600 (CST)

From: Bob Roehrig <broehrig@aurora.edu>

To: Old Tube Radios <boatanchors@theporch.com>

cc: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: ? Receiver blocking in vintage radios

Message-ID: <Pine.OSF.4.43.0301280810550.230773-1000000@mail.aurora.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 28 Jan 2003, Hue Miller wrote:

> Say you have a 100 watt AM transmitter going on 80 meter
> band, into a short wire 25 foot reactive, voltage-fed
> antenna. (Lots of RF in shack.)
>
> You have a broadcast band table radio playing ten feet
> away. (1 RF, 1 IF). Will its reception be wiped out?

Chances are, yes. More than likely the RF will get directly into the audio stages and be detected there.

Bob Roehrig
Aurora University Telecom/IS dept.
broehrig@aurora.edu 73 de K9EUI
630-844-4898 fax 630-844-4222

Message-ID: <002f01c2c6da\$5701a150\$7ee57443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ? Receiver blocking in vintage radios
Date: Tue, 28 Jan 2003 06:32:47 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hue;

What's the prize in this contest?

> Strange question about RF signal overload in vintage tube
> receivers.

"Strange" is right.

> Say you have a 100 watt AM transmitter going on 80 meter
> band, into a short wire 25 foot reactive, voltage-fed
> antenna. (Lots of RF in shack.)
>
> You have a broadcast band table radio playing ten feet
> away. (1 RF, 1 IF). Will its reception be wiped out?

Perhaps. Most definitely if the 80 meter signal mixes with a harmonic of the receiver's local oscillator.

> You have the same table radio ten feet away, but playing
> on some 6 MHz SW broadcast station. Will its reception
> be wiped out?

Only after the antenna coil on the receiver is fully barbecued!

OK, what's the correct answers??

Arden Allen
Vallejo, CA
gumbear@pacbell.net

End of BOATANCHORS Digest 3440
